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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Confirmation No.: 9419

Jing C. Chang et al.

Group Art Unit: 3765

Appl. No.: 10/733,998

Examiner: Unknown

Filed: December 10, 2003

Attorney Docket No.: SO-0007 US NA

For: STAPLE FIBERS AND PROCESSES FOR MAKING SAME

**SECOND INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Mail Stop: Amendment  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants would like to bring to the attention of the U.S. Patent and Trademark Office information that may be helpful in the examination of the above-identified patent application. All of the information is listed on an attached PTO/SB/08a and PTO/SB/08b Forms. Copies of the Foreign Patent Documents cited on PTO/SB/08a Form are submitted herewith. Copies of all documents cited on PTO/SB/08b Form are submitted herewith.

It is understood that International Search Reports are usually considered by Examiner when submitted, but are not normally cited on the front of a patent and thus the Examiner will not indicate consideration of the same on the forms PTO/SB/08a and PTO/SB/08b. Unless otherwise indicated on the record, it will be assumed that the Examiner has considered the Search Report.

U.S. 2002/0071951A1, cited in the International Search Report, is a counterpart to WO 02/22925A1, which was cited in the Information Disclosure Statement filed March 24, 2004. U.S. 6,752,945 B2 was granted based on this patent application. U.S. 2002/0153641B2 claims priority from the same provisional application as U.S. 2002/0071951.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this

Application No.: 10/733,998  
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information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

An Office Action on the merits has not been issued so it is believed a fee is not due for the submission of this document. Should any fee be required in connection with the filing of this Information Disclosure Statement, please charge such fee to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Respectfully submitted,



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Dated: August 26, 2004

Enclosures



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Serial Number: 10/733,998  
Attorney Docket: SO-0007 US NA

Second Information Disclosure Statement  
Form PTO/SB/08a  
Form PTO/SB/08b  
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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

### Complete if Known

Application Number	10/733998
Filing Date	December 10, 2003
First Named Inventor	JING C. CHANG
Group Art Unit	3765
Examiner Name	Unassigned
Attorney Docket Number	SO0007USNA

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number – Kind Code <sup>2</sup> (if known)				
		US -	3,584,103	06-08-1971	Harris	
		US -	3,681,188	08-01-1972	Harris	
		US -	5,645,782	07-08-1997	Howell et al.	
		US -	5,782,935	07-21-1998	Hirt et al.	
		US -	6,312,805	11-06-2001	Sun	
		US -	6,383,632	05-07-2002	Howell et al.	
		US -	6,458,455 B1	10-01-2002	Hernandez et al.	
		US -	6,539,596 B1	04-01-2003	Hwo et al.	
		US -	6,576,340	06-10-2003	Sun et al.	
		US -	6,685,859	02-03-2004	Howell et al.	
		US -	6,740,276	05-25-2004	Agarwal et al.	
		US -	6,752,945 B2	06-22-2004	Hernandez et al.	
		US -	2002/0071951 A1	06-13-2002	Hernandez et al.	
		US -	2002/0153691 A1	10-24-2002	Hernandez et al.	
		US -	2004/0001950 A1	01-01-2004	Chang et al.	
		US -	2004/015904 A1	08-05-2004	Ding et al.	
		US -				
		US -				
		US -				
		US -				

### FOREIGN PATENT DOCUMENTS

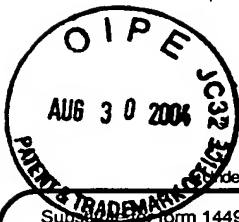
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>e</sub>
		CountryCode <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		GB	1254826	11-24-1971	Fiber Industries		<input type="checkbox"/>
		JP	11-089869	04-06-1999	Asahi		<input checked="" type="checkbox"/>
		JP	11-107149	04-20-1999	Asahi		<input checked="" type="checkbox"/>
		WO	02/14999 A2	03-28-2002	Shell		<input type="checkbox"/>
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 2

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Group Art Unit	3765
Examiner Name	Unassigned
Attorney Docket Number	SO0007USNA

**OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		International Search Report (Date mailed: May 28, 2004)	<input type="checkbox"/>
		C. Hwo et al., "Nonwovens from Poly(Trimethylene Terephthalate) Staple", www.corterra.com Shell (2000)	<input type="checkbox"/>
		Corterra® Polymers, "Textile Staple Production", www.corterra.com Shell (2000)	<input type="checkbox"/>
		H.S. Brown et al., "Poly(Trimethylene Terephthalate) Polymers for Fibers", www.shellchemicals.com/corterra (Shell Chemicals 1999)	<input type="checkbox"/>
		Corterra® Polymers, "The Very Fiber of Performance", www.shellchemicals.com/corterra (Shell Chemicals Ltd. 1999)	<input type="checkbox"/>
		F. Wemy et al., "CorterraPTT - A New Polymer for the Carpet Industry", www.shellchemicals.com/corterra (Shell Chemicals Ltd. 1999)	<input type="checkbox"/>
		H. Chuah et al., "CORTERRA Poly(trimethylene terephthalate) - New Polymeric Fiber for Carpets", www.shellchemicals.com/corterra (Shell Chemicals Ltd. 1999)	<input type="checkbox"/>
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